

Author Index to Volume 16 (1988/89)

(The issue number is given in front of the pagination)

- Aggarwal, S.** and **Har'el, Z.**, Simulation Analysis of Protocols in an Integrated Software Environment (3) 197-215
- Bauerfeld, W.**, *see Cornillie-Braun, A.*
- Beale, J.S.**, COSINE Implementation Phase: COSINE Project Officer's View (1, 2) 24- 30
- Belina, F.** and **Hogrefe, D.**, The CCITT-Specification and Description Language SDL (1, 2) 116-118
- Binst, P. van**, Pan-European High-Speed Networking (4) 311-341
- Burg, F.M.** and **Puges, P.**, X.25: It's Come a Long Way (1, 2) 124-128
- Bürkle, M.**, Broadband Services (5) 395-404
- Carpenter, B.E.**, COSINE Implementation Phase: The View from a Major Site (1, 2) 135-136
- Chen, K.-L.**, *see Yan, X.*
- Cheung, T.-Y.** and **Sablatash, M.**, A Functional Network Model for Analytical File Management in ISDN Systems From Generalization of Videotex Systems (1, 2) 121-122
- Chon, K.**, *see Han, S.*
- Chua, K.C.**, *see Ko, C.C.*
- Clyne, L.**, LAN/WAN Interworking (1, 2) 34- 39
- Cockburn, A.A.R.**, Tree-forming Reversible Routes in Communication Networks (4) 267-279
- Cornillie-Braun, A.** and **Bauerfeld, W.**, Tariff Structure of European Public Packet Switched Data Networks (1, 2) 24- 30
- Craigie, J.**, ISO 10021 - X.400(88): A Tutorial for Those Familiar with X.400(84) (1, 2) 153-160
- Dand, A.**, Product Review: Trends and Issues (1, 2) 31- 33
- Fluckiger, F.**, Gateways and Converters in Computer Networks (1, 2) 55- 59
- Fratta, L.** and **Wozniak, J.**, PR-EXPRESS: Collision-free Access Protocol for Packet Radio Networks (3) 229-242
- Garcia-Luna-Aceves, J.J.**, A Minimum-hop Routing Algorithm Based on Distributed Information (5) 367-382
- Han, S.**, **Chon, K.** and **Lee, D.**, A Virtual Terminal Protocol with Windowing Capability (5) 357-365
- Hansen, A.**, RARE MHS Project Review (1, 2) 8- 12
- Har'el, Z.**, *see Aggarwal, S.* (3) 197-215
- Hine, M.**, *see Koudelka, O.* (1, 2) 129-134
- Hogrefe, D.**, *see Belina, F.* (4) 311-341
- Huitema, C.**, The X.500 Directory Services (1, 2) 161-166
- Humblet, P.A.** and **Soloway, S.R.**, Topology Broadcast Algorithms (3) 179-186
- Hutton, J.**, Overview of the Current Situation (1, 2) 21- 23
- Jeffree, T.**, A Review of OSI Management Standards (1, 2) 167-174
- Jin, C.-Y.**, *see Tcha, D.-W.* (3) 217-227
- Karrenberg, D.**, EUnet and OSI Transition Plans (1, 2) 94-100
- Kille, S.**, The THORN Large Scale Pilot Exercise (1, 2) 143-145
- Ko, C.C.**, **Lye, K.M.**, **Chua, K.C.** and **Yap, F.T.**, Analysis of a CSMA/CD-based Protocol with Dynamic Segmentation (5) 347-355
- Koudelka, O.** and **Hine, M.**, Higher Speed Services (1, 2) 129-134
- Lee, D.**, *see Han, S.* (5) 357-365
- Lenzini, L.**, The OSIRIDE-Intertest Initiative: Status and Trends (3) 243-255
- Linington, P.F.**, President's Review of the Year (1, 2) 6- 7
- Linington, P.F.**, The COSINE Implementation Phase Review (1, 2) 108-115
- Lubich, H.** and **Plattner, B.**, Naming and Addressing in SWITCHmail (1, 2) 48- 54
- Lutz, E.**, *see Tcha, D.-W.* (3) 217-227
- Lye, K.M.**, *see Ko, C.C.* (5) 347-355
- Malagardis, N.**, COSINE Implementation Phase: National View (1, 2) 119-120
- McKenna, P.**, Update on EUROMATH (1, 2) 150-152
- Mendoza, E.**, Directory Services and COSINE (1, 2) 44- 47
- Mount, R.P.**, What Users Want (1, 2) 146-149
- Newman, N.K.**, *see Richter, J.A.* (1, 2) 64- 74
- Olthoff, R.** and **Truijens, J.**, Editorial (to Special Issue "4th European Networkshop, 16-18 May 1988, Les Diablerets, Switzerland") (1, 2) 1- 3
- Plattner, B.**, The Swiss National Network for Research and Education (SWITCH) (1, 2) 75- 82
- Plattner, B.**, *see Lubich, H.* (1, 2) 48- 54
- Puges, P.**, *see Burg, F.M.* (5) 395-404

- Richter, J.A. and Newman, N.K.**, The Role of the European Commission in Telecommunications: The CEC Green Paper and Beyond (1, 2) 64– 74
Rubin, R., *see* Turman, B. (3) 187–196
- Sablatash, M.**, *see* Cheung, T.-Y. (4) 299–310
- Scheller, A.**, Document Standards: Availability and Products (1, 2) 138–142
- Smith, I.L.**, Joint Academic Network (JANET) (1, 2) 101–105
- Soloway, S.R.**, *see* Humblet, P.A. (3) 179–186
- Speth, R.**, EUTECO 88: European Teleinformatics Conference 1988 (COST-11 ter News) (3) 257–259
- Tcha, D.-W., Jin, C.-Y. and Lutz, E.**, Link-by-Link Bandwidth Allocation in an Integrated Voice/Data Network Using the Fuzzy Set Approach (3) 217–227
- Tropper, C.**, *see* Zissopoulos, A. (5) 383–393
- Truijens, J.**, *see* Olthoff, R. (1, 2) 1– 3
- Turman, B. and Rubin, R.**, Bell Operating Company Packet Interfaces Between Networks and Subnets (3) 187–196
- Wilhelm, M.**, Migration for Users (1, 2) 40– 43
- Wolff, S.**, The Present Networking Situation in the USA (1, 2) 89– 91
- Wozniak, J.**, *see* Fratta, L. (3) 229–242
- Yan, X. and Chen, K.-L.**, Inter-network Connection of the Local Area Networks C-Net and Omninet (5) 405–414
- Yap, F.T.**, *see* Ko, C.C. (5) 347–355
- Zhao, X.**, Present Situation of OSI Standards in China (1, 2) 83– 88
- Zissopoulos, A. and Tropper, C.**, On Buffer Allocation in Transport Protocols (5) 383–393
- Zukerman, M.**, Circuit Allocation and Overload Control in a Hybrid Switching System (4) 281–298

Subject Index to Volume 16 (1988/89)

Abstract Data Types	311	Dialogue Service	40
Address Mapping	48	Directory Access Protocol	44
Addressing	48	Directory Information Base	44
Analysis and Verification	197	Directory Service	44, 143, 161
Analytical and Functional Studies	299	Directory System Protocol	44
Applications Project	150	Distributed Access Mechanism	229
ARPANET	89	Distributed Algorithms	179, 367
Bandwidth Allocation	217	Distributed Applications	146
Behaviour	311	Distributed Management	167
Bell Operating Company	187	Document Interchange	138
BITNET	89	Document Structures	138
Bridges	55	ECMA	143
Buffer Allocation	383	Electronic Mail	8, 21, 48, 94
Call Charges	24	Electronic News	94
CCITT	311, 395	Esprit	143
CCITT G700	146	EUnet	94
CCITT Recommendation	243	EUROMATH	150
CCITT X.25	101	European Academic Research Network	40
CCITT X.400	40	European Commission	116
CCITT X.500	44, 143	European Communication Policy	116
CEC Communications Policy	64	European Mathematical Trust (EMT)	150
Chain of Converters	55	European Network Policy	108
China OSI	83	European Network Organisation	21
China PDN	83	Explicit	267
China Scientific and Technical Information System	83	Fault Reporting	101
China Standardization	83	FDDI-II	281
China State Economics Information System	83	FDT	311
Circuit Allocation	281	Fibre Optics	135
Classification	299	Fibre-optic Links	129
Common Management Information Services and Protocols	167	File Allocation	299
Computer Networks	347	File Management	299
Conflict-free Transmission	229	File Transfer	21, 24, 40, 75
Conformance Testing	243	First-fit	281
Converter Transparency	55	Fixed and Mobile Station Networks	229
Converters	55	Fixed Boundary System	217
Converters at CERN	55	Formal Description Techniques	197
COSINE	6, 21, 24, 108, 116, 119, 121, 150	Functional Standards	21
COSINE Implementation Phase	108	Fuzzy Set Approach	217
COSINE Requirements	44	Gateway Reliability	55
CSMA/CD	347	Gateways	34, 40, 55, 75, 101
Data Communication	124, 347, 395	GIFT	55
Data Transmission	135	Green Paper	64
De facto Standards	150	Half-gateway	405
Description	311	High-speed Networking	89, 135
Design	311	High-speed Networks	124, 129
Deutsches Forschungsnetz	40	Host Level	405
Dialog	24	Hybrid Switching	281
		IEEE 802	167
		Integrated Voice/Data Network	217
		Inter-network Layer	405
		Interconnection Level	405

Interconnection Topology	405	OSI Management	167
Interface	187	OSI Migration	55, 150
Interim Protocols	121	OSI Products	31
International	124	OSI Services	108
International Standards	21, 40	OSI Standard	243
Interworking	395	Overload Control	281
ISDN	299, 395		
ISO	167, 395		
ISO 10021	153	Packet Radio Networks	229
ISO 8802 Technologies	34	Packet Switched Networks	24
LAN Interconnection	75, 129	Packet Switching	187
LAN/WAN Interworking	34	Performance Analysis	347, 383
LANs	395	Performance Evaluation	229
Late Binding	55	Performance Monitoring	101
Layer Management	167	PICS	243
Mail Networks	48	Poisson Process	281
Mail Standards	153	Private Networks	395
Managed Objects	167	Protocols	75, 187, 197, 311
Management Functional Areas	167	Public Networks	24
Management Information	167	QPSX	281
MAP/TOP 3.0 Directory	44	RARE	6, 8, 21, 24, 143, 150
Message Handling	40, 48	Relays	55
MHS	6, 8, 75, 153	Remote Job Entry	40
MHS Connection between China and Fed. Rep. Germany	83	Remote Terminal Access	21
Migration Strategy	94	Repacking	281
Minimum Hop	367	Research Network	75
MINT	55	Reversible	267
Mission-oriented Networks	146	RFC-822	48
Mixed-media Services	129	RFC-987	48
MOTIS	153	Routing	179, 267, 367
MTA	55	Satellite Communications	129
Multiobjective Decision-making	217	SATINE System	129
Name Services	161	SDL	311
Name Space	48	Segnet	347
Naming	48	Services	75, 311
National Network	119	Session Service Provider	243
Network Applications	94	Shortest Path	367
Network Level Relay	34	Simulation	197, 383
Network Management	101, 119, 146, 167	Software Environments	197
Network Model	299	Software Tools	197
Network Operations	101	Spanning-tree	267
Network Protocols	94	Specification	311
Network Provision	108	Standard Generalized Markup Language	138
Network Tariffs	146	Store-and-forward Conversion	55
Network Topology	94	Supercomputer Access	146
Network Transition	94	Supercomputer Interconnection	135
Networking	124	SWITCH	75
Networking Policy	6	SWITCHmail	48
Networks	267, 367	Systems Management	167
Non-swapping	267		
NSFnet	89		
Office Document Architecture	138	Tariff Structures	24
On-the-fly Conversion	55	Telecommunication Systems	311
Open Systems Interconnection	34, 40, 311, 357, 395	Test Suite	243
OSI	34, 40, 311, 357, 395	THORN	143
OSI Applications	75	Topology Broadcast	179
		Transport Protocols	383
		Tree-forming	267
		Trunking	187

UNISON Project	129	Wide Area Backbone	135
User Affiliation	299	Windowing Capability	357
User Network Requirements	146		
User-Information Services	161	X.400	48
		X.25	119, 395
		X.25 Packet Switching	34
Videotex Systems	299	X.25 Products	31
Virtual Terminal Classification	357	X.400	8, 75, 153
Virtual Terminal Protocol	357	X.500	161
Virtual Terminal Service	357	X.75	187